

"Mapping the Educational Landscape: Insights into India's Engineering Colleges"

Zone slicer

State Slicer

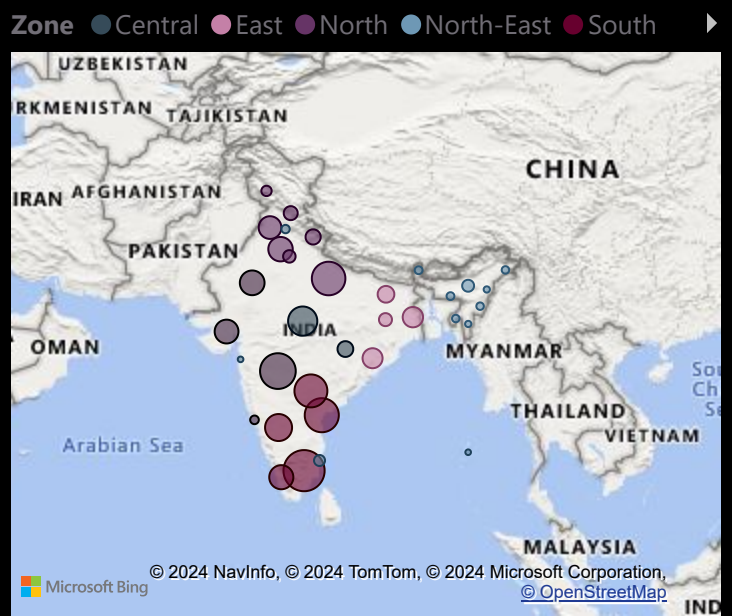
Ownership Slicer

All

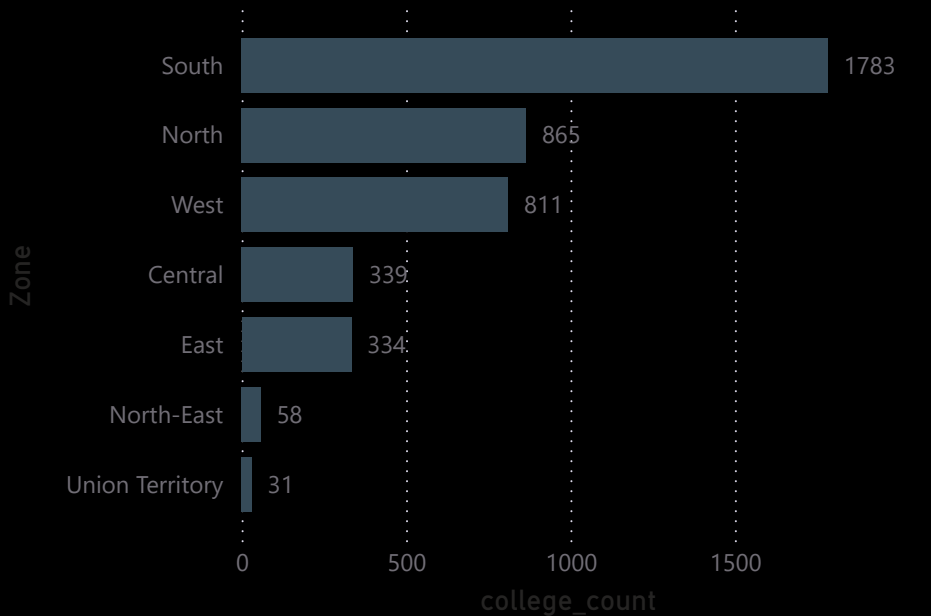
All

All

Distribution Of Colleges by State



Distribution Of Colleges by Zone in India



Fees slicer

0

3400000

Rating slicer

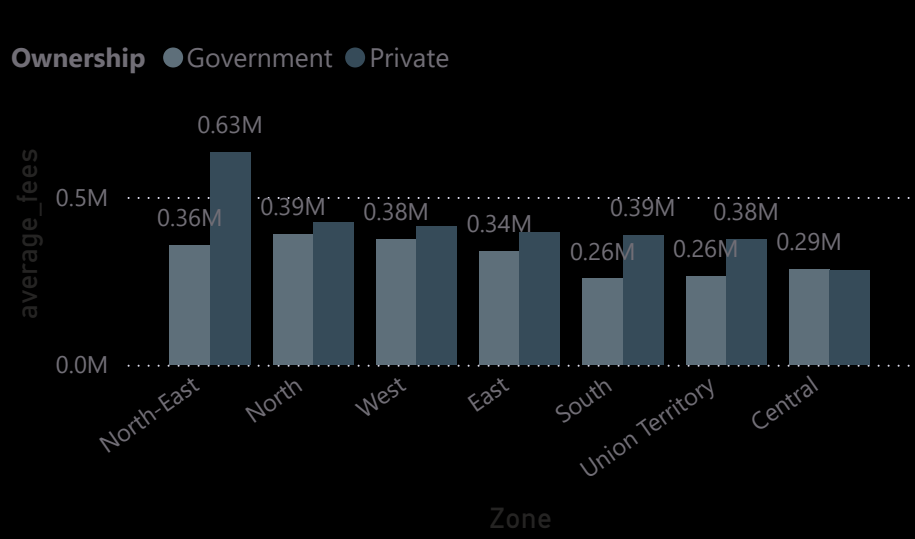
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5.00

Average College Rating By Zone

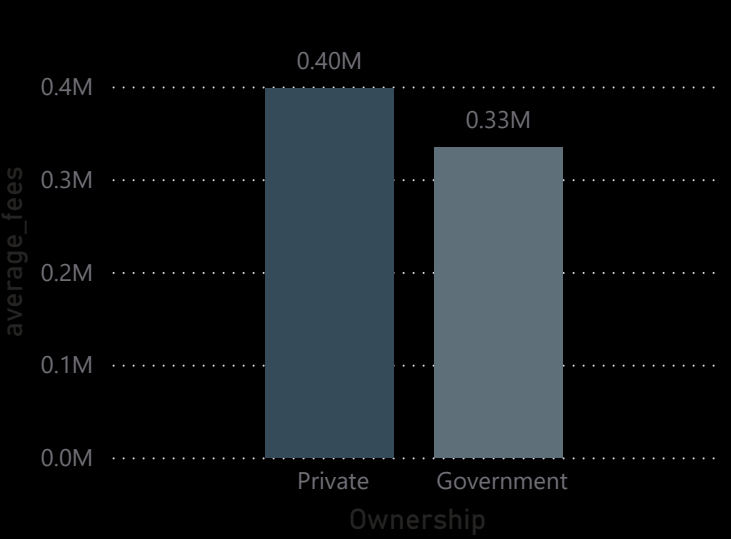


Comparison Of Average Fees: Government Vs Private

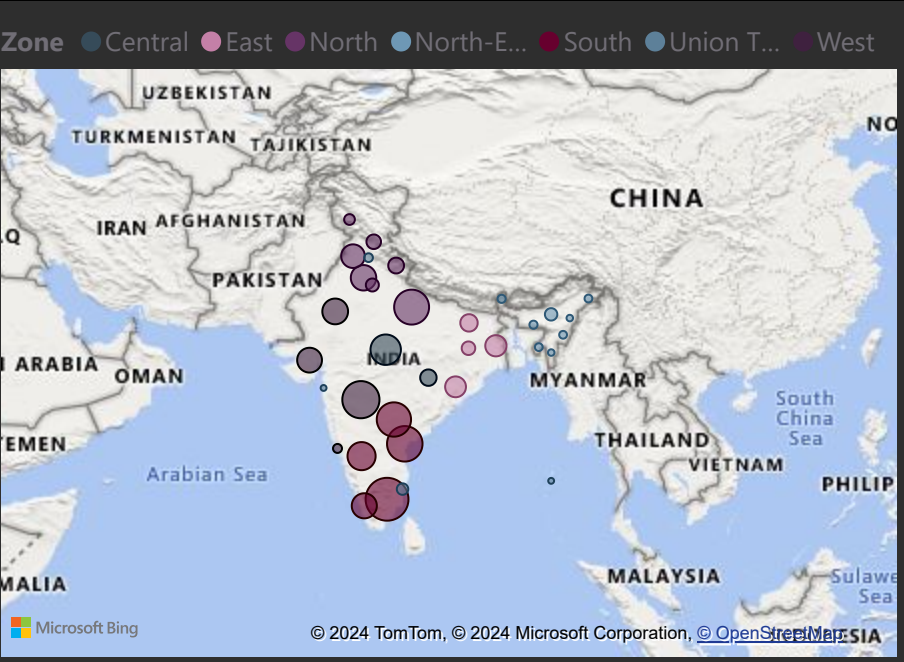


Average Course Offerings By Zone

| Zone | Average of Btech_course | Average of Mtech_course |
|-----------------|-------------------------|-------------------------|
| West | 7 | 7 |
| Union Territory | 7 | 8 |
| South | 7 | 6 |
| North-East | 7 | 9 |
| North | 6 | 7 |
| East | 6 | 8 |
| Central | 7 | 6 |
| Total | 7 | 6 |

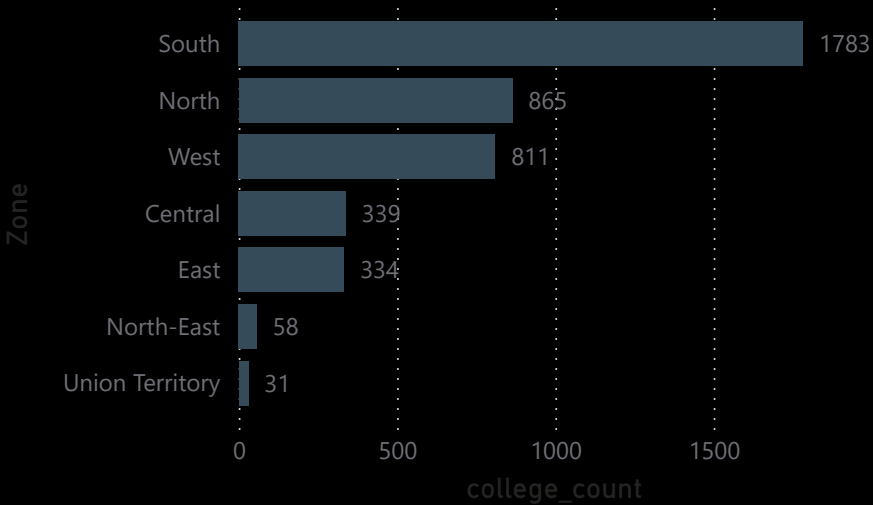


Distribution Of Colleges By Zone



This map shows the geographical distribution of engineering colleges across India. The color-coded zones (Central, East, North, North-East, South, and Union Territory) highlight regional clusters of colleges. Larger circles or denser clusters indicate areas with a higher concentration of colleges, helping users visually identify where educational institutions are more prevalent.

college_count by Zone



At 1783, South had the highest college_count and was 56.52 higher than Union Territory, which had the lowest college_count at 31.

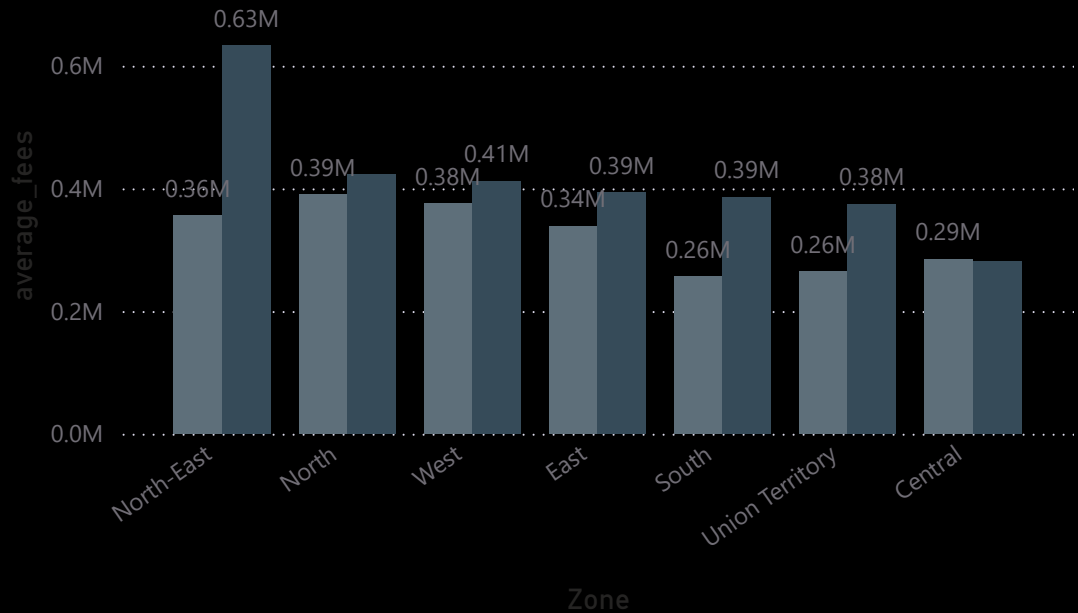
South accounted for 42.24% of college_count.

Across all 7 Zone, college_count ranged from 31 to 1783.

Tamil Nadu in Zone South made up 14.40% of college_count.

Comparison Of Average Fees: Government Vs Private Institutions

Ownership ● Government ● Private



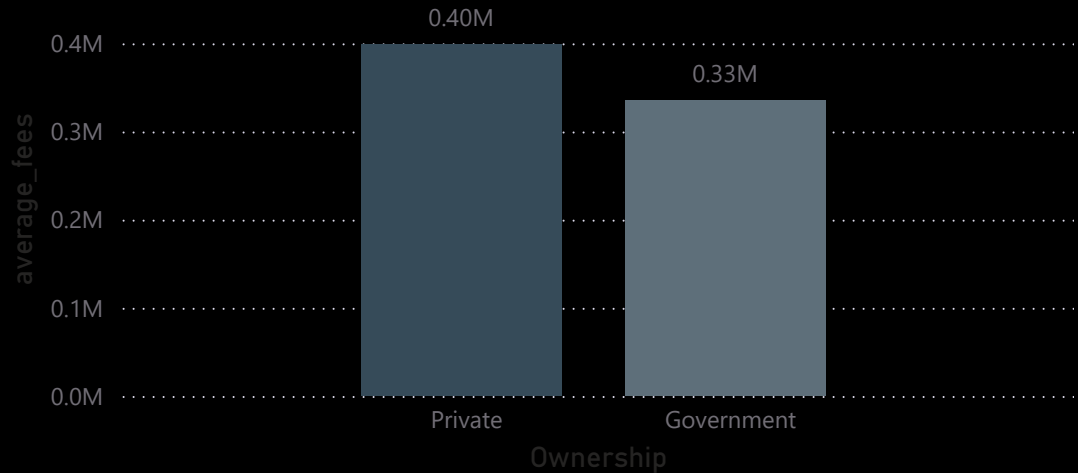
This bar chart compares the average fees for government and private colleges across each zone. Private colleges generally have higher average fees, with the North-East showing the highest average fees among private institutions at 0.63M. This helps users understand cost differences in education between government and private institutions across various regions.

North-East in Ownership Private made up 12.25% of average_fees.

Average average_fees was higher for Private (4,14,949.96) than Government (3,23,711.91).

average_fees for Private and Government diverged the most when the Zone was North-East, when Private were 2,77,333.33 higher than Government.

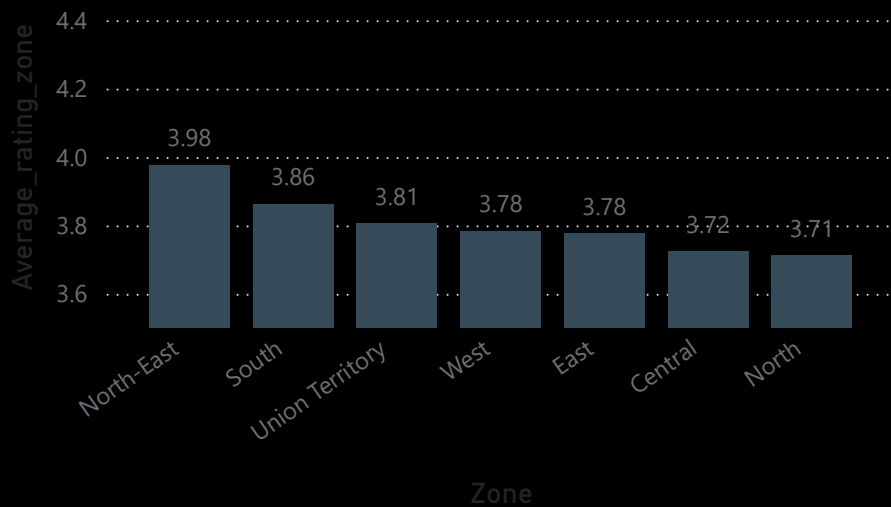
Average_fees by Ownership



This simple bar chart provides a summary of the average fees across ownership types. Private institutions have an average fee of 0.40M, whereas government colleges have an average of 0.33M. This chart complements the previous one by offering an overall view of the cost difference based on ownership.

Average rating and course offered:

Average College Rating By Zone



This chart shows the average college rating in each zone. The North-East zone has the highest average rating at 3.98, followed by the South zone at 3.86. This visualization offers insight into the relative quality or reputation of colleges in each zone, as perceived through ratings.

At 3.98, North-East had the highest Average_rating_zone and was 7.15% higher than North, which had the lowest Average_rating_zone at 3.71.

Across all 7 Zone, Average_rating_zone ranged from 3.71 to 3.98.

Average Course Offerings By Zone

| Zone | Average of Btech_course | Average of Mtech_course |
|-----------------|-------------------------|-------------------------|
| North-East | 7 | 9 |
| Union Territory | 7 | 8 |
| East | 6 | 8 |
| North | 6 | 7 |
| West | 7 | 7 |
| Central | 7 | 6 |
| South | 7 | 6 |
| Total | 7 | 6 |

This table lists the average number of BTech and MTech courses available in each zone. For instance, the South, Central, West, and Union Territories offer an average of 7 BTech courses, while the Union Territory and North-East zones have the highest average for MTech courses at 8 and 9, respectively. This provides users with insights into course availability, helping to identify which zones offer a wider variety of courses.